

Filtration - Return



- Lightweight filters to set in tank top with a detachable lid to remove the element.
- Oil return port in side.
- Operating pressure @ 3 bar, by-pass set @ 1.7 bar.

Return, Tank Mounted - Low Pressure – OMT

OMTF Series – Tank Mounted – Return Port In Side At Top

OMT Model	Donaldson Equiv	Description	Port BSP	Micron Nominal	Rated Flow lpm	List
OMTF091C10NA	FIO 30/1	Ø 66 mm hole	1/2"	10	40	\$ 80.00
OMTF111C10NA1	FIO 60/1	Ø 86 mm hole	3/4"	10	80	\$ 90.00
OMTF112C10NA2	FIO 100/1	Ø 86 mm hole	1"	10	100	\$ 100.00
OMTF171C10NA1	FIO 180/1	Ø 129 mm hole	1 1/4"	10	200	\$ 180.00
OMTF221C10NA1	FIO 250/1	Ø 173 mm hole	1 1/2"	10	276	\$ 265.00
OMTF223C10NA2	FIO 500/1	Ø 173 mm hole	2"	10	319	\$ 285.00



AFR Series – Tank Mounted – Return Port In Side At Bottom

OMT Model	Donaldson Equiv	Description	Port BSP	Micron Nominal	Rated Flow lpm	List
AFR30C10NR	FIR 30/1	Ø 80 mm hole	1/2"	10	16	\$ 130.00
AFR60C10NR	FIR 60/1	Ø 106 mm hole	3/4"	10	49	\$ 185.00
AFR100C10NR	FIR 100/1	Ø 106 mm hole	1"	10	85	\$ 200.00
AFR180C10NR	FIR 180/1	Ø 147 mm hole	1 1/4"	10	150	\$ 315.00

Elements

OMT Model	Donaldson Equiv	Micron Nominal	Rated Flow lpm	List
CR091C10R	CR 30/1	10	40	\$ 20.00
CR091F10R	CR 30/02	10 absolute	27	\$ 45.00
CR111C10R	CR 60/1	10	80	\$ 30.00
CR111F10R	CR 60/02	10 absolute	39	\$ 50.00
CR112C10R	CR 100/1	10	100	\$ 35.00
CR112F10R	CR 100/02	10 absolute	55	\$ 65.00
CR171C10R	CR 180/1	10	200	\$ 50.00
CR171F10R	CR 180/02	10 absolute	157	\$ 120.00
CR221C10R	CR 250/1	10	276	\$ 60.00
CR221F10R	CR 250/02	10 absolute	178	\$ 168.00
CR223C10R	CR 500/1	10	319	\$ 75.00
CR223F10R	CR 500/02	10 absolute	250	\$ 195.00

Filtration - Return



Return, In Line Filters - Low Pressure – OMT

- Spin on replacement element, by pass set @ 1.7 bar
- Operating pressure - 10 bar.

OMTI Series – In-Line, Low Pressure - Spin On Element

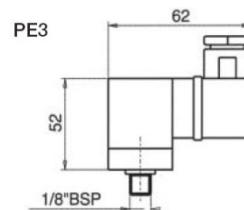
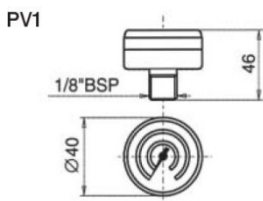
OMT Model	Donaldson Equiv	Description	Port BSPP	Micron Nominal	Rated Flow lpm	List
OMTI05ANR	FRCA 60/1	Single Element	3/4"	10	60	\$ 80.00
OMTI10ANR	FRCA 160/1	Single Element	1 1/4"	10	150	\$ 135.00
OMTI20ANR-I	FRCA 380/1	Dual Element	1 1/2"	10	300	\$ 230.00

Elements

OMT Model	Donaldson Equiv	Micron Nominal	Rated Flow lpm	List
CS05AN	CA 60/1	10	60	\$ 36.00
CS05GN	CA 60/02	10 absolute	50	\$ 85.00
CS06AN		10	120	\$ 55.00
CS10AN	CA 160/1	10	150	\$ 60.00
CS10GN	CA 160/02	10 absolute	100	\$ 160.00
CS15AN		10	220	\$ 70.00
CS15BN		25	300	\$ 70.00

OMTI Series – Indicators

OMT Model	Description	List
PV1	Gauge with pressure range from 0 to 12 bar	\$ 30.00
DV130	Differential visual indicator calibrated at 1.3 bar ± 10% (to be mounted only on T20"-I" head)	\$ 150.00
PE3	Membrane pressure switch with pressure setting 1.3 bar ± 10%	\$ 300.00



Filtration - Return



Return, In Line Filters - Low Pressure - Zinga

Note: Filter head priced separate from element

Spin on replacement elements. Field convertible for suction applications.

BF Series – In-Line, Low Pressure - Spin On Element

Filter Head	Port <i>UN O-Ring</i>	Pressure <i>bar</i>	Rated Flow <i>lpm</i>	List
BF-06-0	9/16"	14	26	\$ 52.00

Element	Micron <i>Nominal</i>	Rated Flow <i>lpm</i>	By-Pass Setting <i>bar</i>	List
BE-10-18	10	25	1.2	\$ 28.00

Standard Combination	List
BF-06-0 + BE-10-18	Filter head + element \$ 80.00

ZAF Series – In-Line, Low Pressure - Spin On Element

Filter Head	Donaldson Number	Port	Pressure <i>bar</i>	Rated Flow <i>lpm</i>	By-Pass Setting <i>bar</i>	List
ZAF-07C-25-0	-	3/4" BSP	17	95	1.7	\$ 64.00
ZAF-11-25-0	P561141	1 1/16" UNO	17	95	1.7	\$ 64.00

Element	Donaldson Number	Description	Micron <i>Nominal</i>	Rated Flow <i>lpm @ 0.7 bar</i>	List
AE-10	P551551	Standard	10	57	\$ 31.00
AE-10L	P550255	Long	10	84	\$ 52.00
AE-10AZ	P551554	Water Absorb	10	19	\$ 52.00
AE-100	P550274	Mesh	100	95	\$ 92.00

Standard Combination	List
ZAF-07-25-0 + AE-10	Filter head + element \$ 77.00

Filtration - Return



Return, In Line Filters - Low Pressure – Zinga

Note: Filter head priced separate from element

SF Series – In-Line, Low Pressure - Spin On Element

Filter Head	Donaldson Number	Port	Pressure <i>bar</i>	Rated Flow <i>lpm</i>	By-Pass Setting <i>bar</i>	List
SF-120-25-0	P563492	1 1/4" Npt	14	190	1.7	\$ 97.00
SF-160-25-0	P563493	1 5/8" Uno	14	265	1.7	\$ 92.00

Element	Donaldson Number	Description	Micron <i>Nominal</i>	Rated Flow <i>lpm @ 0.7 bar</i>	List
SE-3	P550386	Standard	3	125	\$ 69.00
SE-10	P550388	Standard	10	167	\$ 57.00
SE-100	P550275	Stainless Steel Mesh	141	182	\$ 121.00
LE-10	P550251	Long	10	220	\$ 83.00
LE-10AZ	P561183	Water Absorb	10	57	\$ 125.00

Standard Combination	List
SF-120-25-0 + SE-10	Filter head + element \$ 154.00

Configuration Options	List
EA-1	Element Adapter to convert 5" UCC, LHA, Parker filter heads to accept Zinga filter elements - SE or LE. \$ 57.00

Return / In Line Filters - Medium Pressure – Zinga

HE Series – In-Line, Medium Pressure - Spin On Element

- Max. static pressure - 41 bar Suitable for hydrostatic transmissions.

Filter Head	Port <i>UN O-Ring</i>	Pressure <i>Bar</i>	Rated Flow <i>lpm</i>	By-Pass Setting <i>bar</i>	List
HF-11-25-0	1 1/16"	27	151	1.7	\$ 76.00

Element	Description	Micron <i>Nominal</i>	Rated Flow <i>lpm @ 0.7 bar</i>	List
HE-10	Standard	10	132	\$ 55.00
HE-10L	Long	10	151	\$ 64.00

Standard Combination	List
HF-11-25-0 + HE-10	Filter head + element \$ 131.00

Filtration – Pressure



High Pressure – In Line – OMT

HPM Series – In-Line, High Pressure - Cartridge Element

- Steel filters with operating pressures to 420 bar. By-pass set @ 6 bar.

OMT Model	Donaldson Equiv	Port	Press. bar	Micron Absolute	Rated Flow lpm	List
HPM281F10XNR	AP 361.02	1/2" BSPP	420	10	35	\$ 425.00
HPM421F10XNR	AP 362.02	3/4" BSPP	420	10	80	\$ 605.00
HPM422F10XNR1	AP 363.02	1" BSPP	420	10	135	\$ 695.00
HPM622F10XNR1 2	AP 364.02	1 1/4" SAE	420	3	206	\$ 935.00

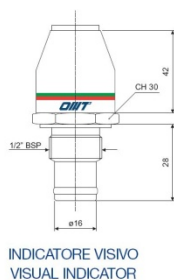
Elements

OMT Model	Donaldson Equiv	To Suit	Micron Absolute	Rated Flow lpm	List
CHP281F06XN	HP 451.52	HPM281F06XNR	6	20	\$ 90.00
CHP281F10XN	HP 451.52	HPM281F10XNR	10	35	\$ 80.00
CHP421F06XN	HP 452.52	HPM421F06XNR	6	65	\$ 127.00
CHP421F10XN	HP 452.52	HPM421F10XNR	10	80	\$ 108.00
CHP422F06XN	HP 453.52	HPM422F06XNR	6	113	\$ 170.00
CHP422F10XN	HP 453.52	HPM422F10XNR	10	135	\$ 147.00
CHP622F03XN	HP 454.52	HPM622F03XNR12	3	206	\$ 415.00
CHP622F10XN	-	HDM622FIUXNR12	10	300	\$ 255.00
CHP625F06XN	HC9600FKN4H	-	6	-	\$ 186.00
CHP625F10XN	HC9600FKS4H	-	10	-	\$ 156.00
CHP626F06XN	HC9600FKN8H	-	6	-	\$ 295.00
CHP626F10XN	HC9600FKS8H	-	10	-	\$ 250.00

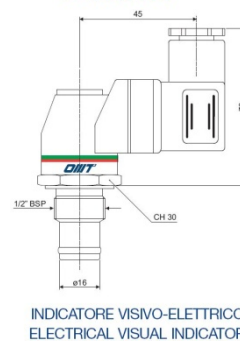
HPM Series – Indicators

OMT Model	Description	List
DV500	Visual differential indicator 5 bar	\$ 150.00
DE500	Electric visual differential indicator/switch 5 bar	\$ 190.00

DV500/800



DE500/800



Filtration – Pressure



High Pressure – Manifold Cartridge Filter - Zinga

High pressure filter cartridges & by-pass valves that can be built in to a manifold. Operating pressure of 400 bar & flows up to 113 lpm. By-pass is set to 3.5 bar.

NB. Add element and by-pass valve plug together for assembly price.

Elements

Code	Description	Micron	Rated Flow <i>lpm</i>	List
CE-04-10	Filter element 7/8	10	15	\$ 109.00
CE-12-10	Filter element 1 5/6	10	45	\$ 136.00
CE-30-10	Filter element 1 7/8	10	113	\$ 146.00

By-pass Valve Plug

Code	Description	List
CF-04	By-pass valve Assy 7/8	\$ 60.00
CF-12	By-pass valve Assy 1 5/16	\$ 67.00
CF-30	By-pass valve Assy 1 7/8	\$ 120.00

- Contact Hyspecs for cavity dimensions.

Filtration – Suction



Suction Filters – OMT

SF SERIES

- Cast aluminium body with reinforced wire mesh - 90 micron absolute. Recommended flow rates are for **clean** filters.
- Select a filter with a flow greater than maximum operating flow.

OMT Model	Donaldson Equiv	Port BSPP	Dimensions mm	Rated Flow lpm	List
SF64A-12-GR90	FIOA 35	1/2"	Ø 64 x 109 deep	22	\$ 30.00
SF64A-34-GR90	FIOA 50	3/4"	Ø 64 x 139 deep	56	\$ 30.00
SF86A-100-GR90	FIOA 85	1"	Ø 86 x 139 deep	100	\$ 45.00
SF86B-114-GR90	FIOA 130	1 1/4"	Ø 86 x 139 deep	140	\$ 50.00
SF150A-112-GR90	FIOA 175	1 1/2"	Ø 150 x 151 deep	200	\$ 95.00
SF150A-200-GR90	FIOA 230	2"	Ø 150 x 200 deep	340	\$ 95.00
SF150B-200-GR90	FIOA 360	2"	Ø 150 x 212 deep	400	\$ 105.00

Filtration – Accessories

Tank Breathers – OMT



- Chrome plated steel breather with galvanised male thread and 10 micron filter element.

OMT Model	Donaldson Equiv	Port BSPP	Dimensions mm	List
TRM-1-14S1	-	1/4"	Ø 47 x 37.5 high	\$ 20.00
TRM-1-38S1	FS-6	3/8"	Ø 47 x 37.5 high	\$ 25.00
TRM-2-12S1	FS-7	1/2"	Ø 75 x 46 high	\$ 30.00
TRM-2-34S1	-	3/4"	Ø 75 x 46 high	\$ 40.00
TRM-2-100S1	FS-8	1"	Ø 75 x 46 high	\$ 45.00

Filler Breathers – OMT

- 10 micron air filter. Predrilled flanges and gasket supplied.



OMT Model	Donaldson Equiv	Type	Cap Diameter mm	Overall Length mm	List
TR-1S1	TCO 300	No basket	47	101	\$ 30.00
TR-2S1E	TCO 500	Extractable Basket	75	149	\$ 40.00
TRV3-035S1	TCO 500V	0.35 bar press relief extractable basket	75	197	\$ 75.00
TRC-3S1	-	Lockable with extractable basket	75	204	\$ 70.00